

ABSTRACT

A method for printing a plastic surface by means of hot-stamping with a metallic hot-stamping tool that can be heated and is coated with plastic is described. The plastic-coated outer surface of the hot-stamping tool forms the stamping surface. The stamping surface transfers a pigment layer applied onto the carrier foil to the work piece when the carrier foil is pressed against the surface of a work piece to be printed. The work piece surface to be printed is preheated before the printing process with the aid of a heating device, wherein the temperature of the stamping surface of the hot-stamping tool lies between 140°C and 240°C. This extends the service life of the hot-stamping tools and the set-up times of the hot-stamping device are simultaneously reduced.

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